

**COST DETAIL
ALTERNATIVES 7 AND 8**

**PEYTON SLOUGH
MARTINEZ, CA**

| | Mechanical Dredging | | | Hydraulic Dredging | | | Sediment Cap in South Slough | | Alternative 8b: New Slough Full Re-Alignment |
|---|---|---|---|---|---|---|---|---|--|
| Items | Alternative 7a: Removal of COCs and Capping | Alternative 7a: Removal of COCs and Capping | Alternative 7a: Removal of COCs and Capping | Alternative 7b: Removal of COCs and Capping | Alternative 7b: Removal of COCs and Capping | Alternative 7b: Removal of COCs and Capping | Alternative 8a: Partial New Slough Re-Alignment | Alternative 8a: Partial New Slough Re-Alignment | |
| | Armorflex Cap | Bentonite Composite | Soil Composite | Armorflex Cap | Bentonite Composite | Soil Composite | Hydraulic Dredging | Mechanical Dredging | |
| Item 1: Pre-Construction Activities | \$425,000 | \$425,000 | \$425,000 | \$425,000 | \$425,000 | \$425,000 | \$425,000 | \$425,000 | \$425,000 |
| Item 2: Site Preparation | \$478,900 | \$478,900 | \$478,900 | \$418,900 | \$418,900 | \$418,900 | \$403,900 | \$433,900 | \$446,300 |
| Item 3: Slough Re-alignment | -- | -- | -- | -- | -- | -- | \$1,584,222 | \$1,584,222 | \$2,923,222 |
| Item 4: Sediment Removal / Treatment Activities | \$714,500 | \$714,500 | \$714,500 | \$1,159,000 | \$1,159,000 | \$1,159,000 | \$782,500 | \$528,500 | |
| Item 5: Capping | | | | | | | | | |
| 5A. Armorflex Cap | \$2,611,500 | | | \$2,611,500 | | | | | |
| 5B. Bentonite Cap | | \$1,360,860 | | | \$1,360,860 | | | | |
| 5C. Sediment Cap | | | \$1,234,300 | | | \$1,234,300 | \$614,800 | \$614,800 | |
| 5D. Capping and Backfilling with Sediments | | | | | | | \$595,716 | \$595,716 | \$1,279,239 |
| Item 6: Site Restoration | \$180,000 | \$180,000 | \$180,000 | \$180,000 | \$180,000 | \$180,000 | \$230,000 | \$230,000 | \$150,000 |
| TOTAL COST (not including disposal) | \$4,410,000 | \$3,160,000 | \$3,030,000 | \$4,790,000 | \$3,540,000 | \$3,420,000 | \$4,640,000 | \$4,410,000 | \$5,220,000 |

| | | | | | | | | | |
|---------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-----------|-----------|-----|
| Item 7: Sediment Disposal | | | | | | | | | |
| 7A. Onsite Containment Facility (OCF) | \$1,432,548 | \$1,432,548 | \$1,432,548 | \$1,432,548 | \$1,432,548 | \$1,432,548 | \$846,632 | \$846,632 | \$0 |
| 7B. Offsite disposal | \$1,840,500 | \$1,840,500 | \$1,840,500 | \$1,840,500 | \$1,840,500 | \$1,840,500 | \$819,057 | \$819,057 | \$0 |

| | | | | | | | | | |
|---------------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Total (OCF) | \$5,840,000 | \$4,590,000 | \$4,460,000 | \$6,220,000 | \$4,970,000 | \$4,850,000 | \$5,490,000 | \$5,260,000 | \$5,220,000 |
| Total (Offsite Disposal) | \$6,250,000 | \$5,000,000 | \$4,870,000 | \$6,630,000 | \$5,380,000 | \$5,260,000 | \$5,460,000 | \$5,230,000 | \$5,220,000 |

| | | | | | | | | | |
|-------------------------------------|-------------------------|--|--|-------------------------|--|--|---------------------------------|--|-------------------------|
| Range of Costs^{1,2} | \$4.5M to \$6.9M | | | \$4.9M to \$7.5M | | | \$5M to \$6M³ | | \$5M³ |
|-------------------------------------|-------------------------|--|--|-------------------------|--|--|---------------------------------|--|-------------------------|

| | | | | | | | | | |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|
| Item 8: Optional Items | | | | | | | | | |
| Mobilization/Set up of Engineering/Administrative Facilities | \$50,000 | \$50,000 | \$50,000 | \$50,000 | \$50,000 | \$50,000 | \$50,000 | \$50,000 | \$50,000 |
| Construct Stabilization/Solidification Cells | \$70,000 | \$70,000 | \$70,000 | \$70,000 | \$70,000 | \$70,000 | \$35,000 | \$35,000 | |
| Stabilization of Sediments for Offsite Disposal | \$774,800 | \$774,800 | \$774,800 | \$774,800 | \$774,800 | \$774,800 | \$343,200 | \$343,200 | |

Notes:

¹ These costs are ballpark, order-of-magnitude ranges for the four viable alternatives.

The maximum includes stabilization of sediments for offsite disposal.

² The cost is an estimate based on preliminary conceptual design and is intended for planning purposes only.

³ The cost for re-alignment of the Slough (Alt. 8a and 8b) require further evaluation in order to refine costs, and are intended for comparison purposes.